

Opioid Crisis Overview

174 Americans

die every day from an opioid overdose (including prescription opioids and heroin).

67,000

estimated overdose deaths in 2016.

\$500 Billion

The estimated economic impact of prescription opioid dependence in 2014.

^{* 2016} CDC/New York Times "An Opioid Crisis Foretold April 2018.

Opioid Crisis Overview

300,000

people reported using heroin in the past year.

16.3%

increase in overdose deaths between June 2016 and June 2017.

90,000

estimated projected overdose deaths in 2025.

^{* 2016} CDC/New York Times "An Opioid Crisis Foretold April 2018.

Opioid Crisis Overview

2.6 Million+

Grandparents who take care of their grandchildren.

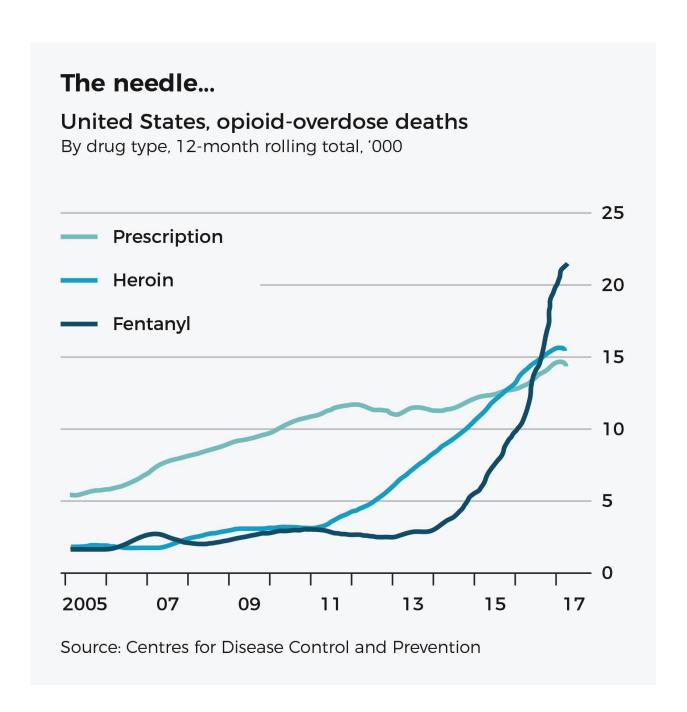
92,100

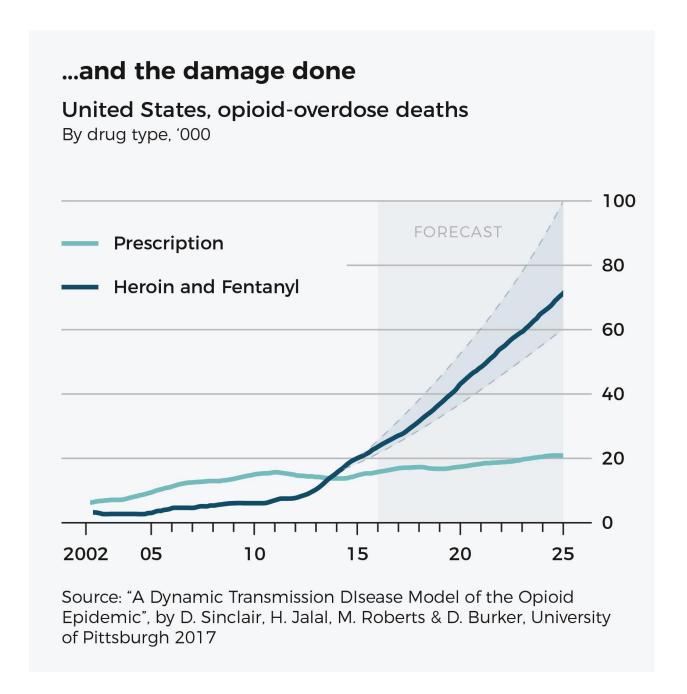
children placed in foster care in 2016.

21,000+

infants born with Neonatal Abstinence Syndrome in 2016.

^{* 2016} CDC/New York Times "An Opioid Crisis Foretold April 2018.







"The face of those who succumbed to the opioid epidemic and the families affected were full of hope and promise.

Their struggle is real."

52 WEEKS, 52 FACES



Communities Devastated

"It's an emotional pull in my heart when I look down and see my grandson... it brings me joy that he's with me, but it brings me sadness because I know that something devastating went on for him to be with us."

Cheryl Makin



Social Impact of the Future

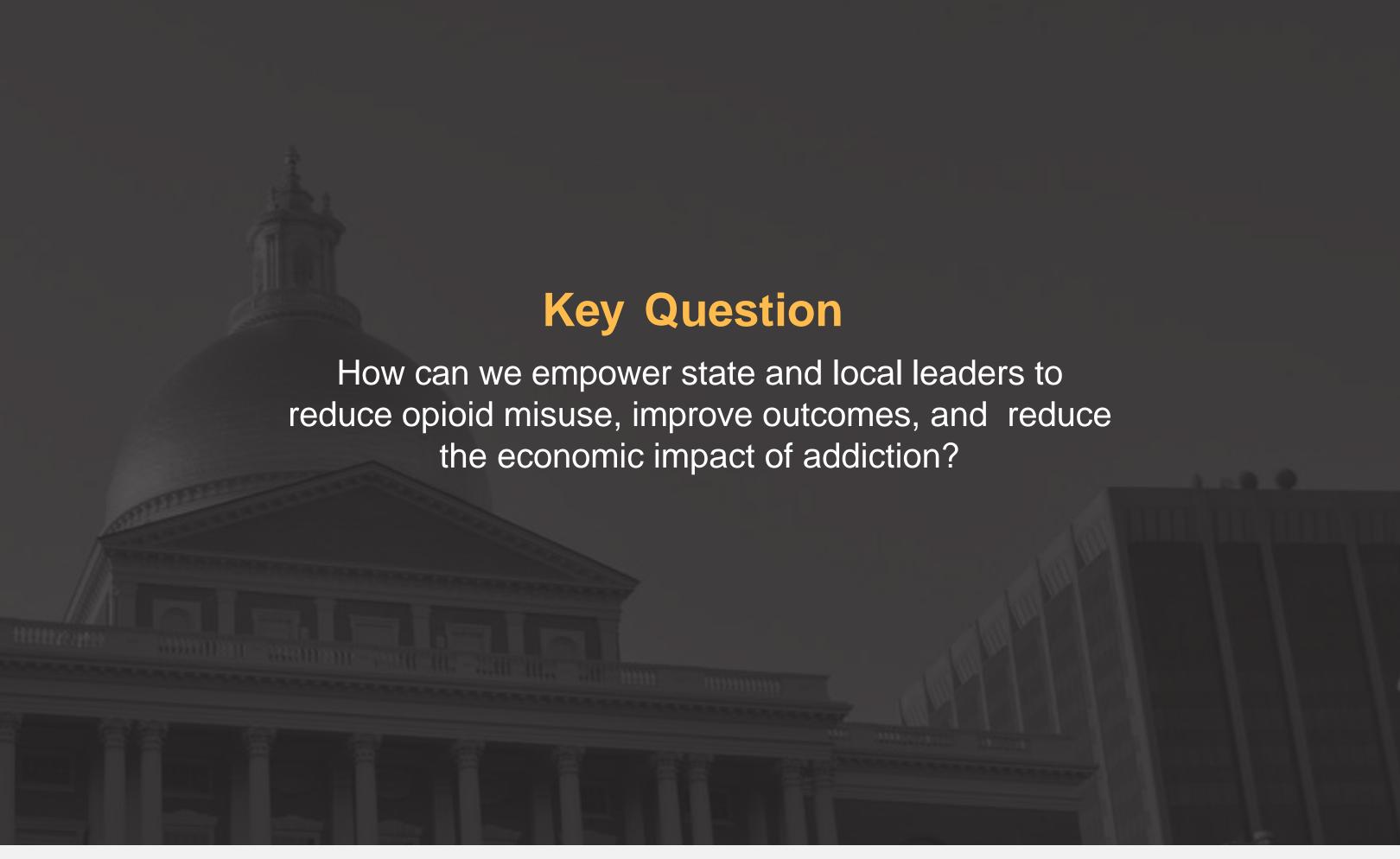
"It's the cry, it's so different from other infants. The cry will pierce your soul because it tells you how much pain these babies are in."

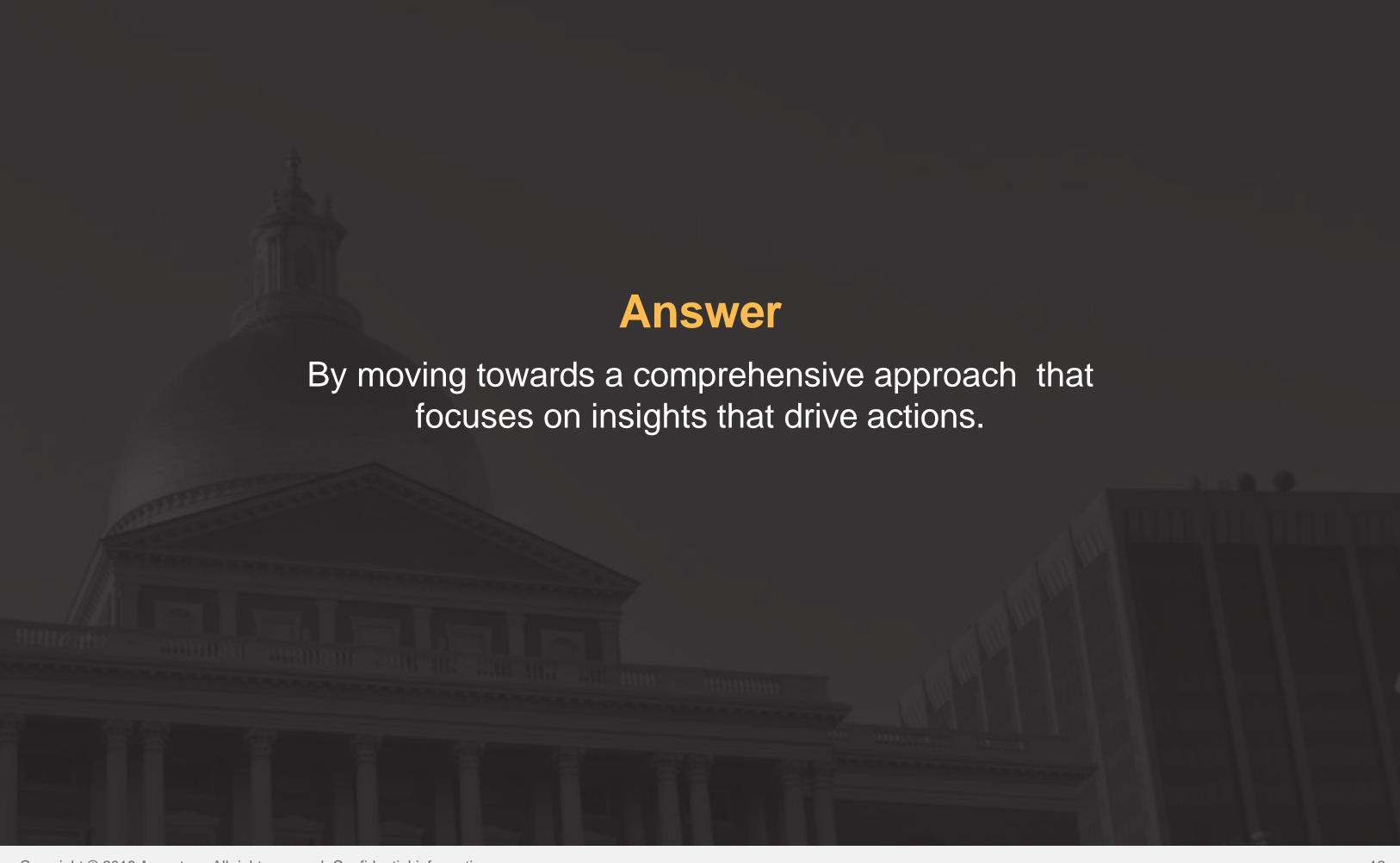
Sherri Smith, RN



"Being an addict is not something I ever woke up and wanted to be. It's not something that can be fixed overnight."

Anonymous





Turning the Tide Continuous Insight → Action



Measurement



Management



Mitigation

Data Challenges

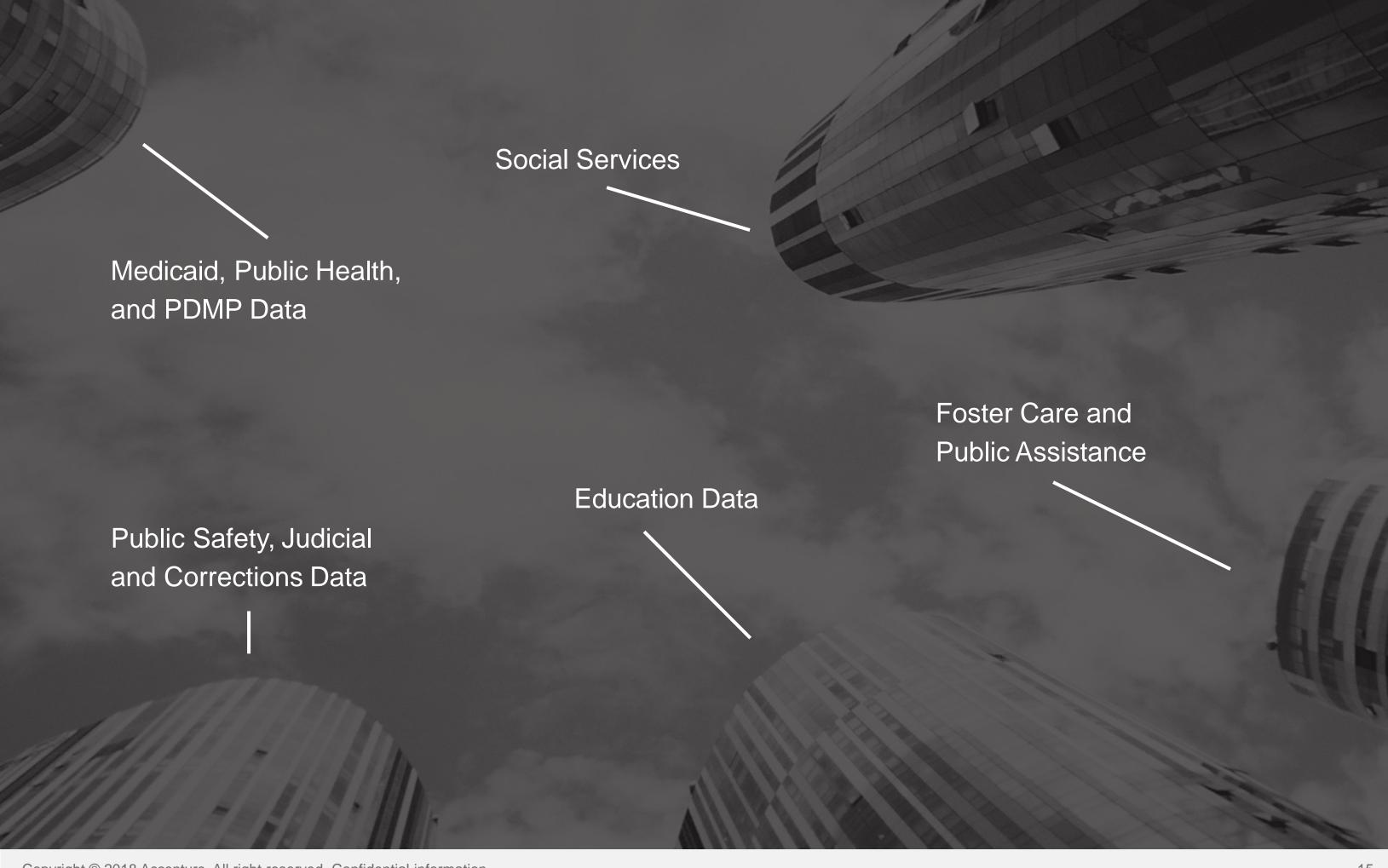
Where this data is located

Cleansing the data be time consumig and can offer no discernable insights

Significant barriers to data due to policies.

Complex data can inhibit getting to insights





New Data Mindset

- Data as a platform by bringing various quality data together.
- Develop consistency around information in order to answer specific questions.
- An ecosystem that has the ability to collaborate across entities.
- Develop rapid insight to drive actionable interventions



Linked 31 datasets across agencies to form a 360° view of the individual.



DATA SHARING MINDSET

Ensuring Privacy



Platform Design

Built considering HIPPA,
 FERPA, PHI, 1075, CJIS, and PCI requirements and regulations



Security Considerations

- Partnered with state CISO to leverage agency security and IT / CIO representation
- Develop comprehensive security plan



Privacy Considerations

 Continuous partnership with privacy office and legal counsel to establish standard processes for data-sharing agreements



Data Ownership

 Provide clarity, process and responsibilities for data ownership to remain with agency sources

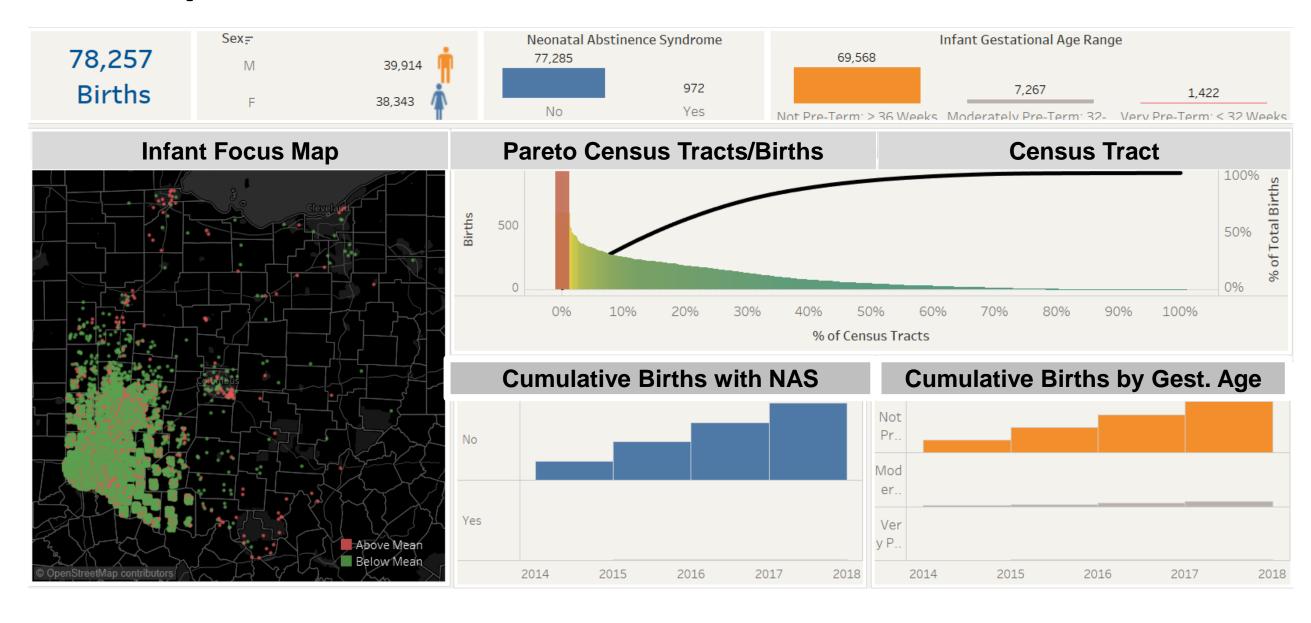
Source: State Healthcare IT Connect Summit 2018, Deploying Analytics to Realize Accelerated Speed to Outcomes



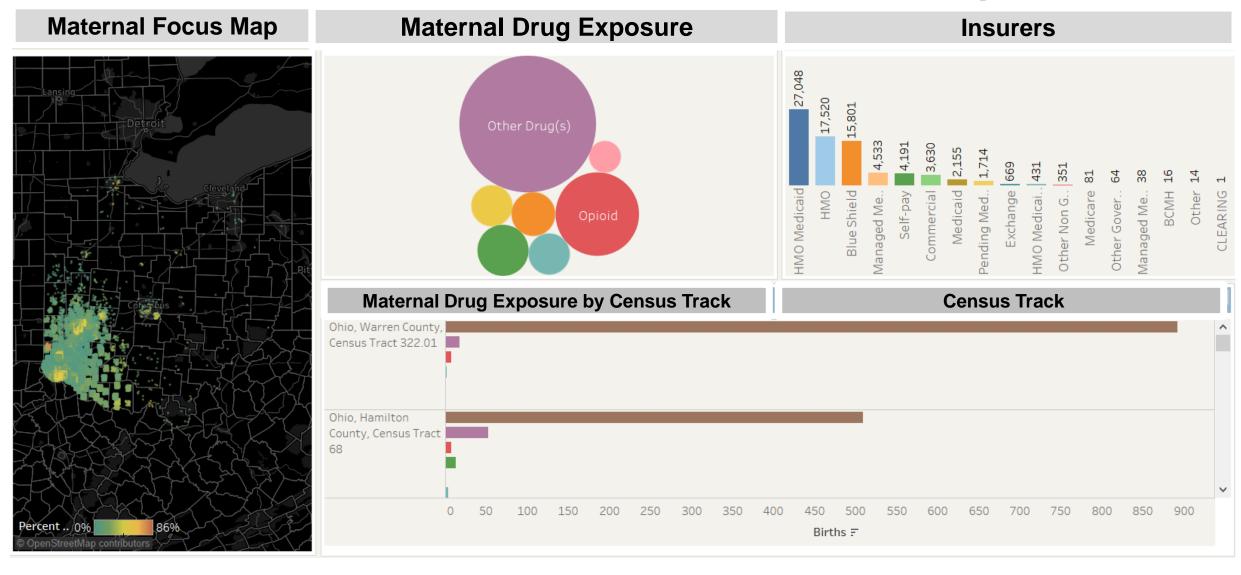
Neonatal Abstinence Syndrome

> The average 23 day NICU stay can cost, on average, \$55,000 -**\$200,000** per episode.

Metropolitan Area in Ohio



1 in 7 Mothers Tested Positive for Drug Use



"The best part is giving people hope when they feel like there's not any."



Midwest Metro Region



Midwest Metro Region



Midwest Metro Region



The Challenge

Traditional, Siloed Delivery of Government Services

Focuses on transaction-based interactions

Treats

→ circumstances

in isolation

 \rightarrow

Ineffective spending

Imperfect

→ outcomes

There is power in focusing on a person across across departments and programs.

Community Engagement Through Data



Auto Focus

Landscape

Relationship Мар

Analytics/Artificial Intelligence

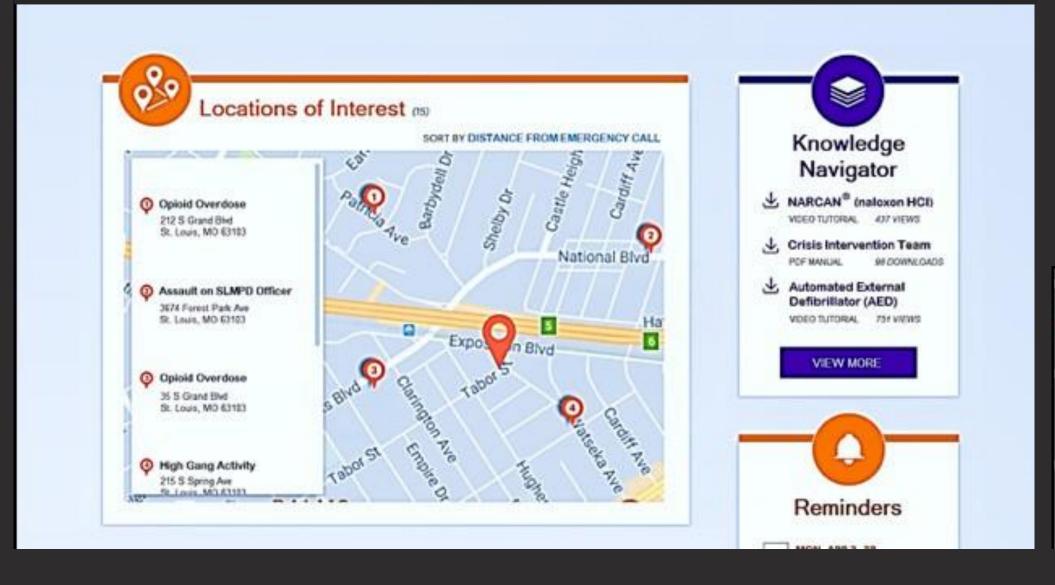
Action Plan

A set of application services that can be provided in a standalone portal or embedded within existing systems,

Integrated

to information

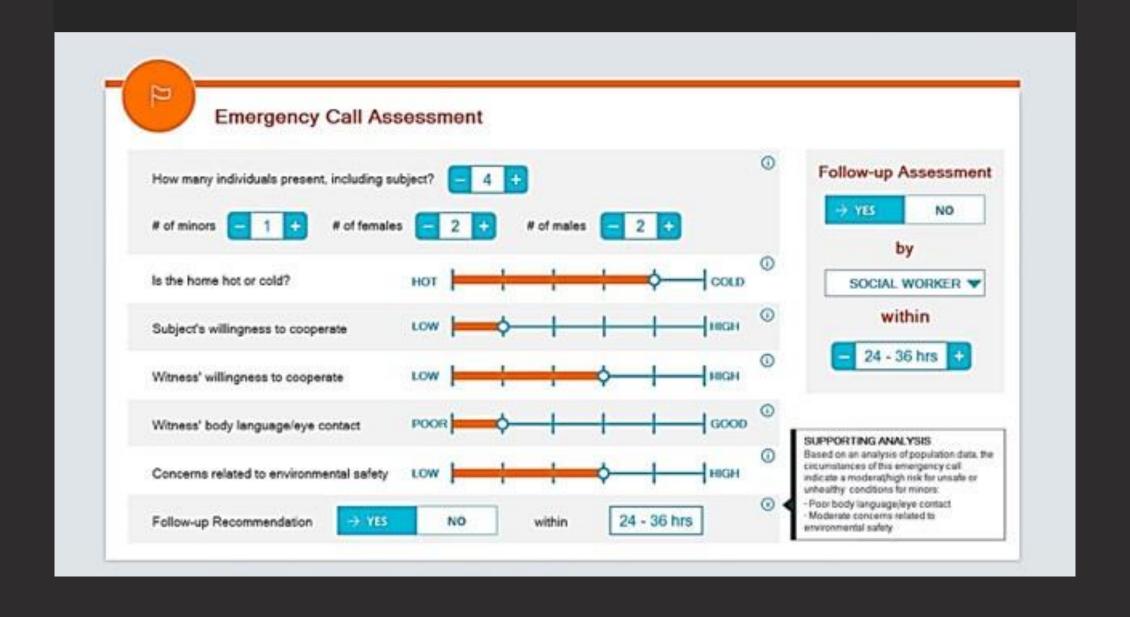
provides



Integration Opportunity

OD Map from HIDTA: High Intensity Drug Trafficking Areas





"All great and honorable actions are accompanied with great difficulties, and both must be enterprised and overcome with answerable courage."

William Bradford
Plymouth Bay Colony 1630

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